

DTC	C1251 / 51	Hydraulic Brake Booster Pump Motor Malfunction
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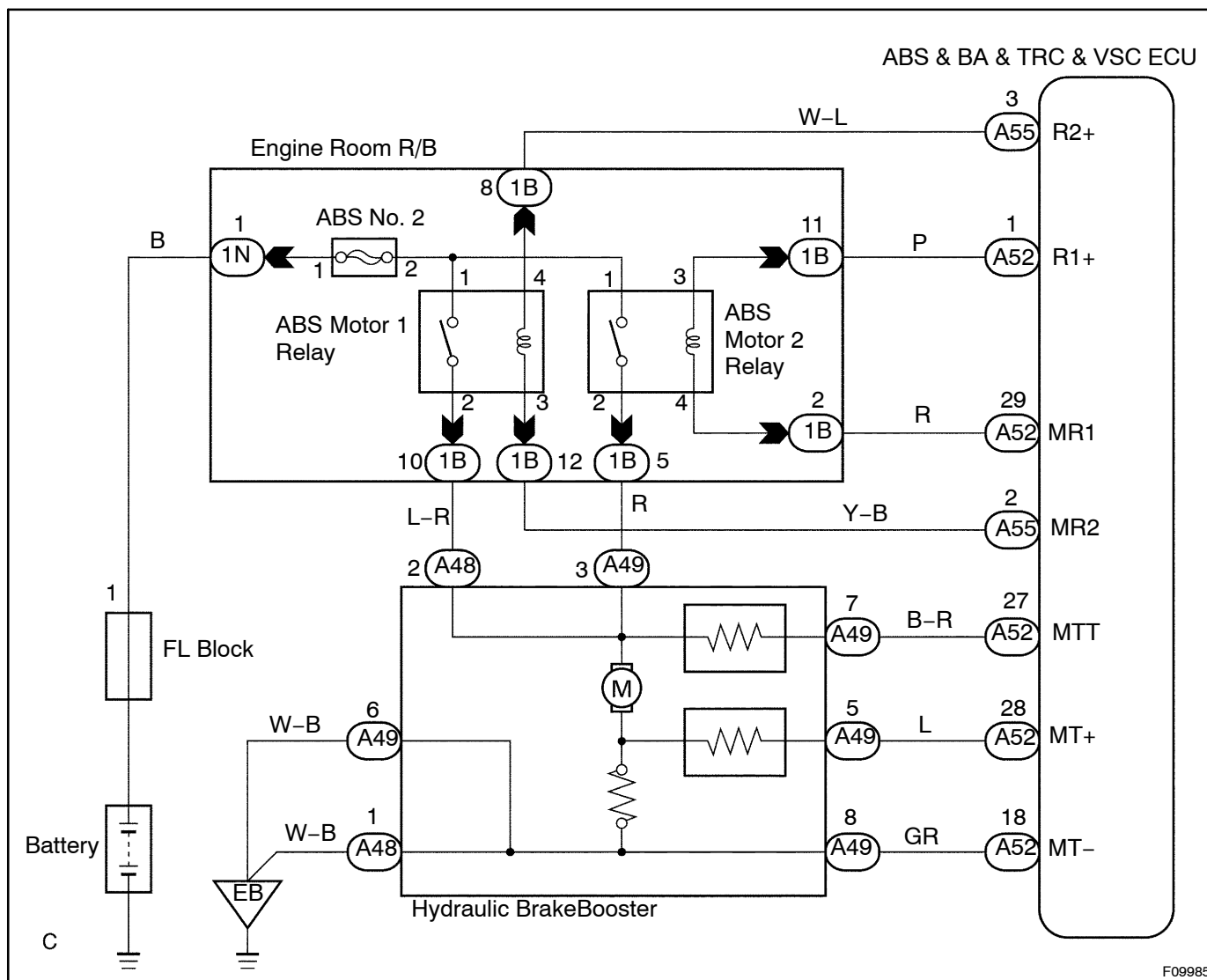
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1251 / 51	Either of the following 1. or 2. is detected: 1. After turning the ignition switch ON, the current of more than 30 A flows to the motor for more than 1 sec. 2. After turning the ignition switch ON, less than 7 A change in current is detected more than 3 times in a low when the motor is ON.	Hydraulic brake booster pump motor

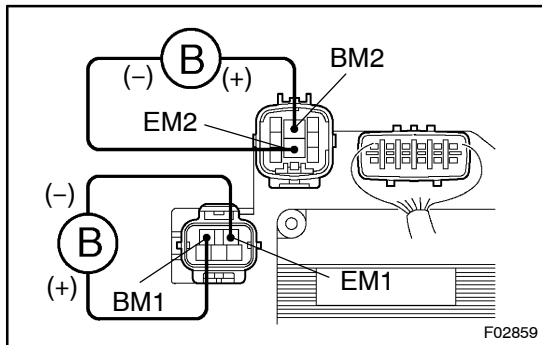
Fail safe function:

If trouble occurs in the pump motor, the ECU cuts off current to the ABS solenoid relay and prohibits ABS & BA & TRC & VSC controls.

WIRING DIAGRAM



F09985

INSPECTION PROCEDURE**1 Check operation of hydraulic brake booster pump motor.****PREPARATION:**

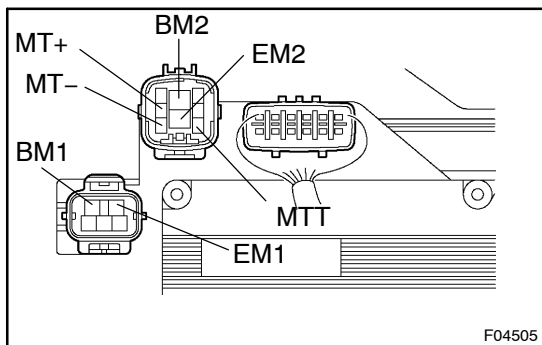
Disconnect the 2 connectors from the hydraulic brake booster.

CHECK:

Connect battery positive $\oplus$ lead to BM1 or BM2 terminal and battery negative $\ominus$ lead to EM1 or EM2 terminal of the hydraulic brake booster (pump motor) connector.

OK:

The operation sound of the pump motor should be heard.

NG**Go to step 4.****OK****2 Check hydraulic brake booster resistance.****PREPARATION:**

Disconnect the 2 connectors from the hydraulic brake booster.

CHECK:

Check resistance between terminals MT+ and MT-, BM1 and MT-, BM2 and MTT, EM1 and MT+, EM2 and MT+ of the hydraulic brake booster connector.

OK:

30 – 36 Ω

NG**Replace the hydraulic brake booster assembly.****OK****3 Check for open circuit in harness and connector between hydraulic brake booster (MT+, MT-) and ABS & BA & TRC & VSC ECU (See page IN-35).****NG****Repair or replace harness or connector.****OK**

Check and replace ABS & BA & TRC & VSC ECU.

- 4 Check for open or short circuit in harness and connector between hydraulic brake booster pump motor and hydraulic brake booster ([See page IN-35](#)).

NG

Replace wire harness.

OK

- 5 Check hydraulic brake booster pump motor ([See page BR-32](#)).

NG

Replace hydraulic brake booster pump motor.

OK

Replace hydraulic brake booster.